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TECH NEWS



VOL. XII

WORCESTER, MASS., MAY 10, 1921

NO. 30

TECH TO MEET R. I. STATE IN BASEBALL TOMORROW

Conn. Aggies Sat. For Second Game

R. I. Credited With Strong Team—
Conn. Aggies Defeated Earlier
In Season

This week Wednesday at 4:00 P. M., the baseball team will meet Rhode Island State on Alumni Field. This team is rated in a class with Brown, whose team only beat them by a small margin. However, Brown was beaten by Bowdoin, and this fact, although it is true that it does not tell us a great deal, gives us an idea of what we ought to do, since we have seen Bowdoin beat our own team to the sad story of 7-1. It will certainly be a hard game for Tech, but with the new changes in the team, and with lots of pep there is a good chance of a victory. The new combination has shown its possibilities in last week's games, and with a little more courage and pep ought to nail the rest of the season's games.

Saturday the team will travel down to Storrs to meet the Conn. Aggies in the second game of the season against their aggregation. It is remembered that in the first game we took away the honors by a small margin of 4-3. A game is expected as the Aggies have improved a great deal since their first game.

Here is a chance to chalk up two victories, to our credit. Let's go get 'em, Tech.

SOPHOMORE HOP FRIDAY

Will Close Social Season—Music by
Lowe's Orchestra of Boston

The final and one of the best of the Hill's annual social events comes Friday evening in the form of the Sophomore Hop. Up to this year the Hop has always been the one and only big spring dance, but this year it must share honors with the Interfraternity Dance which was held about two weeks ago. The result of competition, however, has been only to make the Sophomores determined to have their dance the best. With this in view they have made several changes in their plans.

The best of these and one which will probably be received with great favor, is the fact that Lowe's orchestra of Boston has been definitely engaged to furnish the music for the dance. This orchestra is rated in the class of Wittstein's, which played here at the Interfraternity Dance. They have

(Continued on Page 5, Col. 3.)

TRINITY LOSES IN DUAL TRACK MEET

Tech Team Wins Second Contest By
Large Margin

Take All First Places But Three—
Lundgren, Hoar and Morrison Win
Two Each

Tech won its second victory of the season in track Saturday by defeating Trinity by a score of 84 1/2 to 41 1/2. With the exception of a fairly brisk wind the weather conditions were ideal for a track meet, the field being dry and in excellent shape.

Tech won first place in eleven out of the fourteen events. Clapp of Trinity came in first in the two mile race with Johnson of Tech a close second. Trinity also succeeded in winning first places in both the high-jump and the broad-jump.

As in the meet with B. U. Morrison and Lundgren each won two first places for Tech, while Hoar also captured two firsts. Pickwick, Jones, Dudley, and Nelson each took one first place. In the throws Tech won everything but one first place.

(Continued on Page 5, Col. 3.)

TECH BREAKS EVEN WITH AMHERST IN TENNIS

Chapman and Chen Star for Tech—
Team Loses to M. I. T.

Saturday afternoon the third tennis match of the season was played with Amherst, and resulted in a tie, both in the singles and the doubles. The match went off fairly rapidly until the doubles. The first of these was lost to Amherst, but the second settled down to a long drawn out battle between Chen and Chapman for Tech and Arnold and Plimpton for the opposing team. The home team finally saved the day, winning this double by a score of 10-8, which resulted in a tie for the whole match. Chapman and Chen played at their best, the pair winning the deciding double while the former also won his single. Plimpton and Arnold played the best for Amherst.

The scores are as follows:

SINGLES

Bijur-Plimpton, 0-6, 6-1, 4-6.
Chapman-Nichols, 6-2, 4-6, 6-3.
Chen-Arnold, 1-6, 3-6.
Sah-Titus, 9-7, 6-2.

DOUBLES

Bijur-Sah, 0-6, 4-6.

(Continued on Page 2, Col. 3.)

TECH WINS FROM STEVENS IN VERY EXCITING GAME

New Combination Proves a Winner—Bagley Pitches Good Game

MIDWEEK GAME LOST TO BOWDOIN—
ERRORS CONTRIBUTE HEAVILY TO DEFEAT

CONCERT GIVEN IN PRINCETON

Last Appearance of Season—Harcus'
Playing a Feature

The Musical Clubs ended a most successful season last Friday night with a concert at Princeton, given by the Mandolin and Glee Clubs. Some thirty-five men made the trip from Worcester to Princeton via the auto-truck route. About half way there the truck, which was a Mack, lost its magneto. This occasioned some little delay, due to the fact that the piece of apparatus must first be found, then put into its proper place and then timed. This was done very speedily for some of the crowd had just finished making magnetos for Doc. Ingraham and so knew just what to do in case of emergency.

On reaching the hall, the boys found that Princeton had in some unknown manner divined the reason for the delay for each man was greeted with questions of "Won't you have some hot coffee?" "Oh, do have some more cake," etc. Bill Harcus had arrived on the scene of action some time before the rest of the crowd and kept the audience entertained by playing for dancing.

However, the delay was not long and immediately upon their arrival, the clubs started off the concert in a very peppy style. The soloists were all very much appreciated by the audience—it was Bill Harcus' first appearance this season and he filled a much needed part of the program. The Mandolin Club came through in a way that made the whole Association proud of it.

Now that the season is over, all that remains is the annual meeting for the election of next year's officers and the awarding of charms. This meeting will take place Monday, May 16th. Any member of the various clubs who has not paid his dues to the Association must do so before that time or he will not be allowed to vote at the meeting. No one will stand any chance whatever of receiving a charm unless he has paid his dues. Get busy—see your manager—pay your dues—and get your right to vote.

In one of the most exciting games of baseball ever seen Tech downed Stevens Institute to the tune of 6-5 on their own grounds.

Stevens started things moving in their half of the first inning by scoring one run. The second and third innings were air-tight, neither side getting results.

However, the balloon ascension came in the fourth inning and Tech scored six runs with Stevens chalking up one more to her credit.

The fifth and sixth innings were quiet enough but in the seventh Dick Mason poled out one of his usual long drives with a home-run label on it, but he failed to score the run through negligence in touching first base. Neither side scored in the eight innings but in the ninth Stevens uncorked a rally and poled in three runs and would probably have tied the score only for the timely work of Mason at short-stop.

Bagley gave four bases on balls and "Stevens" was able to score all four walks. Five strike-outs are to his credit and one man struck by pitched ball.

TECH

	ab	r	lb	po	a	e
Meyer rf	3	0	0	2	0	0
Stoughton 3b	4	1	1	1	0	1
Higgins lf	4	1	1	3	0	0
R. Mason c	2	1	1	5	1	1
G. Mason, ss	3	1	0	4	3	0
Kittredge 2b	3	1	1	2	3	0
Campbell cf	4	1	1	2	0	0
Murphy 1b	4	0	0	8	0	0
Bagley p	4	0	1	0	1	0
Totals	31	6	6	27	8	2

STEVENS

	ab	r	lb	po	a	e
Birrup 2b	5	0	1	0	0	1
Kurtz ss	3	1	0	2	0	0
Egger 1b	4	0	2	10	0	0
Koch rf	4	0	0	0	0	0
Humehe cf	3	0	1	0	0	0
Hurst lf	2	2	1	1	0	0
Rath 3b	3	1	1	2	5	0
Kerrari c	3	0	0	8	3	0
Carlson p	1	0	0	0	1	0
Prichard p	0	0	0	0	0	0
Sielcharf p	2	0	0	0	2	0
Joblin	0	1	0	0	0	0

(Continued on Page 5, Col. 1.)

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Russell H. Pearson, '21	Advisory Editor
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John N. Styffe, '24	Adv. Mgr.
Philip J. Robinson, '23	

Subscription Mgr.

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Contributing to This Issue

J. C. Adams, '23	W. C. Napier, Jr., '24
W. W. Metcalf, '23	John Wenzel, '23
F. P. Butler, '22	J. S. Friedlander, '24
M. J. Conroy, '22	D. J. Minott, '23
H. S. Johnson, '24	H. S. Hunting, '22
A. M. Whittemore, '22	

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Spencer, Mass.

MAY 10, 1921

START NOW

Probably this title is sufficient warning and you know what's coming. They are, and almost here, too. Twice a year it seems we have the painful duty of editorially warning of exams and urging that the cramming be started early. Same old line, perhaps you say. It's true but the age old habit of putting off everything possible till the last minute still persists and probably will as long as human beings exist.

There's a phrase that all have heard, "The early bird catches the worm." It is old and worn it is true, but it still fits and fits well at this time. The man who starts grinding for his finals now is not weeks ahead of his "night before" classmate; he is years ahead of him—at graduation. Everybody knows how much better it is to review a subject right, to take things slowly, really learning as you go along, digging out and understanding principles that perhaps you didn't when first covering the course, than to try in one afternoon and evening to cram everything into one small brain. It just can't be done.

Start now. Make use of every spare moment by looking over those books. Every minute spent now reviewing for finals is time well invested. If you don't believe it, look ahead a little, to the time when those blueprints will appear on the bulletin boards. "REG-

ISTER FOR CONDITION EXAMS BEFORE ——" Will you be able to pass those by with a laugh?

DRAMATIC ASSOCIATION ELECTS OFFICERS

Annual Meeting Held May 2—Treasurer's Report Shows Gain

The annual meeting of the Dramatic Association was held last Monday noon, in Boynton Hall. The show this year, "Nothing But the Truth," was probably the best ever presented by the Association, and this was reflected in the reports of the managers. Business Manager Needham gave the financial standing of the Association and this showed a gain of \$252.92 for the year.

R. P. Penfield, '21; E. L. Reilly, '22; A. W. Barr, '22; M. D. Henshaw, '24; F. C. Johnson, '24; A. K. Morgan, '24; W. C. Napier, '24; and D. B. Martin, '24, were voted into the Association. The election of officers for next year also took place and the results were as follows:

President—C. H. Needham
Vice President—A. W. Barr
Secretary—J. Wenzel, Jr.
General Manager—W. Stevenson
Business Manager and Treasurer—E. B. Coghlin
Advertising Manager—R. S. Worth

PRESIDENT HOLLIS ADDRESSES NEWMAN CLUB

At the meeting of the W. P. I. Newman Club last Tuesday evening President Hollis spoke on the position of the United States with respect to disarmament, and the policy that the Harding administration was forming regarding this important question.

The officers of the club for the coming year were then elected as follows:
President—M. J. Conroy, '22
Vice President—W. T. Keefe, '23
Treasurer—J. T. Fanning, '22
Secretary—J. A. Burns, '24
Class Directors—W. H. Cooney, '22; V. Lysaght, '23; G. M. McMahon, '24.
Alumnus Director—D. A. Haire, '15

BASEBALL NOTICE

At present the baseball management is experiencing considerable difficulty during its home games. Heretofore candidate assistant managers have been plentiful and so the work could be done by them. This year seems to be an exception and there are only a few to attend to the many small details. As it is now we would like to have some volunteers for the home games to help at the gates. Don't leave it for the other fellow—here is a chance to see a game free if you haven't a season ticket. Several can be used at the game with R. I. State tomorrow. If you can help and your help will be appreciated, please see Manager Callahan before tomorrow noon.

TRACK TEAM ENTERED IN INTER-COLLEGIATES

Meet In Springfield

On next Saturday, May 14, the Worcester Tech track team will take part in the Eastern Inter-collegiate Meet to be held at Springfield.

Following is the list of the colleges that belong to this association:

Colgate	Conn. Aggies
Tufts	Holy Cross
R. I. State	Hobart College
Middlebury	Worcester Tech
Trinity	St. Lawrence Univ.
Stevens Tech	Boston College
N. H. State	Mass. Aggies
Springfield	

(Continued from Page 1, Col. 2.)
Tech Breaks Even With Amherst in Tennis

Chen-Chapman, Arnold-Plimpton, 0-6, 6-4, 10-8.

TENNIS TEAM LOSES TO M. I. T.

The tennis team met with a decided reversal at the hands of M. I. T. last Wednesday, losing by the score of 6-0. The match was played at Chestnut Hill on the Longwood Tennis Club's courts and was much more closely contested than the score would seem to indicate. Sah came within an ace of winning his match from Brockman, the runner-up in the intercollegiates last year, while two other matches went three sets. W. P. I. sent a good team to Cambridge, but M. I. T. has a very much stronger team than last year, having won all matches to date.

The scores for the match were as follows:

Chapman-Scott, 6-3, 6-4.
Bijur-Caldwell 6-2, 6-8, 7-5.
Chen-Cavan 6-1, 6-1.
Sah-Brockman 8-6, 3-6, 7-5.
Cavan, Brockman-Chen, Bijur 6-3, 3-6, 6-4.
Caldwell, Scott-Chapman, Chen 6-3, 6-3.

AMONG THE FRATERNITIES

Mr. William C. Levere, grand secretary of Sigma Alpha Epsilon fraternity, was a guest at the local chapter last week. The initiation of Walter W. Metcalf, '23, took place a week ago.

Phi Sigma Kappa expects several alumni back for the Alumni Banquet and corporation meeting on May 14.

H. F. Brown, '24, and F. W. Hudson, '24, were recently initiated into Theta Chi.

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SOPHOMORE HOP DANCE ORDER

1. Fox Trot
2. Fox Trot
3. One Step
4. Fox Trot
5. Fox Trot
6. Waltz
7. Fox Trot
8. Fox Trot

Intermission

9. Fox Trot
10. Fox Trot
11. Waltz
12. Fox Trot
13. Fox Trot
14. One Step
15. Fox Trot
16. Fox Trot

CLOSE GAMES A FEATURE OF INTERFRATERNITY BASE-BALL SERIES

Monday evening A. T. O. played L. C. A., but were unable to finish the game because of darkness. Only four innings were played by the time it grew too dark. Both teams, however, agreed to play out the other three innings as soon as they could get the field and have good weather. At the end of the four innings the score stood 7-0 in favor of A. T. O.

Tuesday evening P. S. K. defeated S. A. E., 6-5, in a closely contested game. Phi Sig started the ball rolling by getting two runs in the first inning after holding S. A. E. to one hit and no runs. Then S. A. E. started some timely hitting and brought home two runs, tying the score. The game went on until the first of the fifth inning, when the score was 4 to 2 in favor of Phi Sig. S. A. E. then managed to get three men on bases with no out but a hit and run play missed out and S. A. E. were only able to score one man. Phi Sig then brought in two runs, making the score 6-3. As it was getting dark each team agreed that the next inning should be the last. S. A. E. were only able to get two runs, so the score ended 6-5 in favor of the Phi Sig nine.

Wednesday morning L. C. A. beat P. S. K. to the score of 5-3. The game started in closely contested style, but Phi Sig started the scoring first by bringing in a run in the second inning. Lambda Chi soon retaliated and finally at the end of the fifth inning stood ahead with the score 5-3. The Phi Sig team was not able to crawl out from this lead, although at several times there were close plays. Higgins and Clough were the battery for L. C. A. and Stevenson and Burleigh for P. S. K.

Wednesday evening Delta Tau defeated Phi Gamma Delta to the score of 9-4. Up until the last inning P. G. D. led by a score of 4-3. D. T. then started hitting and got three runs in quick succession. Next things quieted down but D. T. started hitting again and before the end of the inning had nine runs to her credit. Ellsworth of P. G. D. got a three base hit with the bases full, but Needham was hit by the ball, so only two men were able to score. Carrick and Needham were

the battery for Phi Gamma and Towle and Roberts for Delta Tau.

It was impossible to play the other games scheduled this week because of rain or cold weather.

On Saturday afternoon Theta Chi was defeated in a closely contested game with Phi Gamma Delta. Keith, as pitcher for Phi Gamma Delta proved to

be a wizard in the box, scoring several strikeouts. Several times during the game the score was tied, which was the case when Phi Gamma went to bat at the last of the fifth. With a man on third, Needham knocked a homer and ended the game, 5-4. Batteries were: Theta Chi, Howe and Gianni; Phi Gamma Delta, Keith and Needham.

Standing of the Teams

Team	Won	Lost	P.C.
P. S. K.	2	1	.667
S. A. E.	2	1	.667
L. C. A.	2	1	.667
D. T.	2	2	.500
A. T. O.	1	1	.500
T. C.	1	2	.333
P. G. D.	1	3	.250

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* * *

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SKEPTICAL CHYMISTS HOLD LAST MEETING OF YEAR

Interesting Papers Presented—Dance Held Last Evening

The last regular meeting of the Skeptical Chymists was held last Monday evening in the Salisbury Lab. The usual order of the meeting was followed by the reading and discussion of several interesting papers. W. E. Brown presented a paper on the subject of vitamins, which is receiving much attention in recent periodicals. They were first known twelve years ago when an investigation was made of the beri-beri epidemic among the rice-eating people. Several tests were described by which the growth of pigeons was noted on being deprived of vitamin. Only a small amount of this substance is necessary for healthy life, and is found present in orange peel and raw vegetables.

F. W. Towle discussed the subject of atoms in metals. He described the internal structure of an atom, showing the relative sizes and the distances apart of the nucleus and the electrons.

A paper on the recovery of newsprint was presented by S. M. Logan. The conservation of this class of paper has been made necessary by the scarcity of pulp. Difficulty was experienced in removing the ink, filler and oil and leaving the pulp in good condition. After numerous experiments it was found that an aqueous solution of alkali would remove the ink and not discolor the pulp.

D. F. Richardson read an article on dry batteries. He told of the reactions involved and the manner of calculating the efficiency. The last paper of the evening was that of S. Hurowitz on Stereo-Chemistry.

The activities of the club ended with the annual dance and presentation of "shingles." This event took place last evening in the gymnasium.

CORDA FRATRES ELECTS OFFICERS

Annual Banquet to be Held May 16th

The Corda Fratres announce the initiation of the following men at their meeting on Monday, May 2nd:

Albert A. Gammal, '23.

Carl M. Holden, '23.

R. G. Pereira reported that the dance was a success in every way, both socially and financially.

The following officers were elected for the coming year:

President—A. W. Hill, '20.

Vice President—J. A. Dufault, '23.

Recording Secretary—C. F. Hawley, '23.

Corresponding Secretary—L. M. Abbe, '22.

Treasurer—S. F. Chen, '23.

A committee composed of J. Marston, '22, chairman, and R. G. Pereira, '23, was appointed to take charge of the club's annual banquet, which will be held in the State Mutual Restaurant May 16th.

Prof. R. C. Joslin and A. W. Hill were appointed auditors for the semester.

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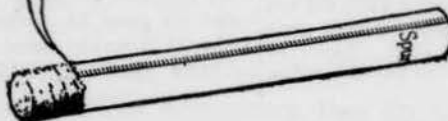
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Spur
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(Continued from Page 1, Col. 4.)

Tech Wins from Stevens

Regan	0	0	0	0	0	0
Total	30	5	6	23	11	1
Innings	1	2	3	4	5	6
Tech	0	0	0	0	0	0
Stevens	1	0	1	0	0	0

Two-base hit, Rath. Stolen bases for Tech, Stoughton 2, Higgins, R. Mason, Kittredge. Sacrifice flies, Regan, Ferrari. Innings pitched, Carlson 3 14; Prichard 1-3, Sielcharf 4. Bases on balls, Bagley 4, Carlson 3. Hit by pitched ball, by Bagley, Rath; by Carlson, Kittredge. Struck out, by Bagley 5, Carlson 5. Umpire, MacMahon. Attendance, 1,000. Time, 2h. 10m.

Tech Goes Before Bowdoin 7-1

Bowdoin turned the trick on Tech last Tuesday when they gave a 7-1 beating to our nine. The Maine outfit were quick to take advantage of our errors and many runs were gained in this way. Bagley pitched a good, steady game and with better support would have won for he only allowed four hits.

The first inning opened in a discouraging manner, Needleman lining the ball to deep left for a three-bagger. Bagley pitched a good, steady game and with better support would have won for he only allowed four hits. The first base bag and Murphy had little difficulty in getting it. An infield grounder retired their side. After a few attempts to straighten the ball out Chief Meyer's foul fly was coralled by the first baseman. Stought failed to get his eye on the ball and after a few healthy swings resigned the bat to Hank Higgins. An infield fly wound up the inning.

Bagley struck out the first man in the second. The next man drew a walk, but was forced at second when Campbell scooped up a line drive and threw to second. The next man drew a two bagger and when Walker was hit by the ball the berths were all taken. The lead-off man then proceeded to drive in three runs with the help of an error and a bad throw to the plate. With two men out in the last half Capt. Campbell knocked a liner to left which proved to be good for two bases. He reached home on a poor throw to third. Kittredge made first on a bunt. Murphy grounded to third and was tossed out. Score 1-3.

The third inning was tight on both sides, the only one getting a hit being Bagley but no runs resulting. In the first of the fourth Higgins caught the ball and after juggling with it a while decided to keep it off the ground. The ball got by Stought with one man on third and Hank again made himself known by pegging in the ball to the plate where Dick Mason made short work of him. Cy's home run peg to the flag pole was arrested in its flight by Needleman in a spectacular catch in back of the pole.

D. Needleman stole a march by the aid of infield grounders in the fifth. The sixth inning was uneventful but the seventh proved to be their lucky

inning. Holmes, Handy, and Walker scored with the help of two passes. Higgins got to second but in his eagerness to score forgot to touch first and our side took the count.

The game ended with the score remaining the same although our men men worked their hardest to raise the count.

BOWDOIN

	ab	r	lb	po	a	e
W. Needleman 2b	3	1	1	3	1	0
Smith 3b	4	0	0	1	4	0
A. Morrill ss	5	0	0	5	3	2
Hill lf	5	0	0	1	0	0
Clifford 1b	5	0	0	10	1	0
Holmes cf	2	1	0	0	1	0
D. Needleman rf	4	1	1	2	0	0
Handy c	3	2	1	5	0	0
Walker p	3	2	1	0	0	0

Totals 34 7 4 27 10 2

TECH

	ab	r	lb	po	a	e
Meyers 2b	3	0	1	1	2	2
Spongberg 2b	0	0	0	1	0	0
Stoughton 3b	3	0	0	0	1	2
Higgins lf	4	0	1	4	1	0
R. Mason c	3	0	0	6	2	0
J. Mason ss	3	0	0	2	2	2
Campbell cf	4	1	1	1	1	0
Kittredge rf p	3	0	0	1	0	0
Murphy 1b	3	0	0	11	1	1
Bagley p	2	0	0	0	0	0
aCurran	1	0	1	0	0	0
bMorse	1	0	0	0	0	0

Totals 30 1 4 27 10 7

Innings 1 2 3 4 5 6 7 8 9

Bowdoin 0 3 0 0 1 0 3 0 0-7

Tech 0 1 0 0 0 0 0 0 0-1

Two-base hit, Campbell. Three-base hit, W. Needleman. Stolen base, Holmes. Sacrifice hit, Stoughton. Innings pitched, by Bagley 8, by Kittredge 1. Hits, off Bagley 4, off Kittredge 0. Base on balls, by Bagley, Needleman, Holmes, Handy; by Walker, Meyers, R. Mason. Hit by pitched ball, by Bagley, D. Needleman, Walker; by Kittredge, Smith. Struck out, by Bagley, Smith, Clifford, Holmes, Handy; by Walker, Stoughton, J. Mason 2, Morse, Murphy. Umpire, Beaulac. Attendance, 800. Time, 2 hr. 10 m. (a) Batted for Bagley in 9th. (b) Batted for S. Mason in 9th. *

"If big feet, knock-knees and bow legs won't make a girl wear long dresses, what chance has modesty?"—Burr.

WHO'S WHO AT TECH.

President, 1921	I. R. Smith	P-50928
President, 1922	C. H. Needham	P-50928
President, 1923	J. A. Whelpley	P-1564
President, 1924	Wm. Welch	P-50928
Bus. Manager, Tech Show	C. H. Needham	P-50928
Manager Musical Association	E. L. Sholz	P-1050
Football Manager	G. V. Upton, Jr.	P-52278
Baseball Manager	C. A. Callahan	P-1564
Basketball Manager	E. B. Saunders	P-52278
Track Manager	P. H. White	P-1564
Tennis Manager	R. E. Chapman	P-57572
TECH NEWS—Editorial	R. A. Reed	P-57572
TECH NEWS—Business	H. P. Putnam	P-50928
1921 Aftermath—Editorial	R. G. Ferguson	P-52278
1921 Aftermath—Business	H. E. Drake	P-50928
General Secretary Y. M. C. A.	W. B. Anthony	P-687

(Continued from Page 1, Col. 2.)

Trinity Loses in Dual Track Meet

Summary:

Event	Winner of 1st place	Time or Distance	W. P. I.	Trinity
100 yd. dash	Morrison	10 1/2 s.	6	3
220 yd. dash	Morrison	23 1/2 s.	6	3
1-4 mile	Pickwick	54 s.	8	1
1-2 mile	Hoar	2-09	5	4
One mile	Hoar	4-47	6	3
120 yd. h. h.	Lundgren	16 1/2 s.	8	1
220 yd. l. h.	Lundgren	26 1/2 s.	6	3
broad jump	Nash,			
	Tr.	19 ft. 5 1/2 in.	3	6
Two mile	Clapp			
	Tr.	10-37	4	5
high jump	Smith and Tilton			
	Tr.	5 ft. 4 1/2 in.	1	8
pole vault	Lyman	9 ft. 6 in.	5 1/2	3 1/2
Shot-put	Jones	33 ft. 5 1/2 in.	9	0
Ham. throw	Dudley	104 ft. 2 in.	8	1
Disc. throw	Nelson	103 ft. 2 in.	9	0
Total			84 1/2	41 1/2

(Continued from Page 1, Col. 1.)


Sophomore Hop Friday Will Close Social Season

played at a great many college functions throughout the state and have been received with much enthusiasm. Because of the fact that such a good orchestra has been obtained it has been found necessary to raise the admission price. There will be absolutely no tickets sold at the door and the committee has decided to limit the number of couples to one hundred and twenty-five, so that the floor will not be overcrowded.

President Hollis has given his approval of having the dance run from nine until two. The committee wishes to state that the dance will be formal for the girls. If the weather is good the fellows should all appear in white flannels. This will add greatly to the aspect of the party. The dance order will be the same as at the Inter-fraternity Dance. The following men have the tickets and in order to be sure of getting one, early application is advisable: Berry, Whelpley, White, Roberts, Hughes, Armstrong, Dodkin and Mattson.



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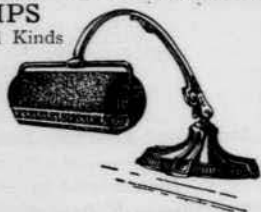
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CALENDAR

Tuesday, May 10—

Baseball Practice at 4:30 P. M.
Baseball, T. C. vs. A. T. O. at 6:30 P. M.

Wednesday, May 11—

Baseball with R. I. State at 4:00 P. M.
Tennis, Vermont at Worcester at 4:00 P. M.
Baseball, P. S. K. vs. P. G. D. at 6:30 P. M.

Thursday, May 12—

Baseball Practice at 4:30 P. M.
Baseball, S. A. E. vs. L. C. A.

Friday, May 13—

Baseball Practice, at 4:30 P. M.
Tennis, R. P. I. at Troy.

Saturday, May 14—

Baseball with Conn. Aggies at Storrs.
Tennis, Trinity at Hartford.

Monday, May 16—

TECH NEWS assignments 5:00 P. M.—M-113.
Baseball, D. T. vs. S. A. E. at 6:30 P. M.

A.I.E.E. TO HAVE LADIES' NIGHT

Interesting Speaker for This Evening's Lecture

Tonight is Ladies' Night for the Worcester Section of the American Institute of Electrical Engineers. Mr. Arthur Palme of the General Electric Company is to be the speaker, and his subject is "Modern Photography." Mr. Palme's lecture will be illustrated by lantern slides and motion pictures. All interested are invited to be at the E. E. lecture hall at 8:00 o'clock this evening.

Remember, this is Ladies' Night. The subject is non-technical and will be as interesting to her as to you.

ANOTHER TECH GRADUATE ADMITTED TO A. S. C. E.

George R. Rich, '19, a Junior member of the American Society of Civil Engineers, was recently admitted to full membership in the Society. He is at present a reinforced concrete designer with Stone & Webster of Boston.

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What Makes the Firefly Glow?

YOU can hold a firefly in your hand; you can boil water with an electric lamp. Nature long ago evolved the "cold light." The firefly, according to Ives and Coblenz, radiates ninety-six percent light and only four percent heat. Man's best lamp radiates more than ninety percent heat.

An English physicist once said that if we knew the firefly's secret, a boy turning a crank could light up a whole street. Great as is the advance in lighting that has been made through research within the last twenty years, man wastes far too much energy in obtaining light.

This problem of the "cold light" cannot be solved merely by trying to improve existing power-generating machinery and existing lamps. We should still be burning candles if chemists and physicists had confined their researches to the improvement of materials and methods for making candles.

For these reasons, the Research Laboratories of the General Electric Company are not limited in the scope of their investigations. Research consists in framing questions of the right kind and in finding the answers, no matter where they may lead.

What makes the firefly glow? How does a firefly's light differ in color from that of an electric arc, and why? The answers to such questions may or may not be of practical value, but of this we may be sure—it is by dovetailing the results of "theoretical" investigations along many widely separated lines that we arrive at most of our modern "practical" discoveries.

What will be the light of the future? Will it be like that of the firefly or like that of the dial on a luminous watch? Will it be produced in a lamp at present undreamed of, or will it come from something resembling our present incandescent lamp? The answers to these questions will depend much more upon the results of research in pure science than upon strictly commercial research.

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